

CLAIMS

We Claim:

- 5 1. A composition comprising DNA having an oligonucleotide sequence of SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO:3, SEQ ID NO:4, SEQ ID NO:5, or SEQ ID NO:6 or portion thereof.
- 10 2. Isolated RNA transcribed from the DNA of Claim 1.
- 15 3. Isolated protein translated from the RNA of Claim 2.
- 20 4. Isolated antibodies produced from the proteins of Claim 3.
- 25 5. An expression construct comprising the DNA of Claim 1.
6. Cells comprising the expression construct of Claim 5.
7. A method of screening a compound comprising:
 - a) providing in any order:
 - i) cells containing a recombinant expression vector, wherein said vector comprises at least a portion of the oligonucleotide sequences of Claim 1, or variants or homologs thereof; and
 - ii) a compound suspected of having the ability to alter FAIM activity; and
 - b) contacting said cells with said compound.